

**FACULTY OF SCIENCES - DEPARTMENT OF PHYSICS
COURSE SYLLABUS**

PHYS 281: General Physics Lab.

<i>COURSE TITLE</i>	<i>ENGLISH CODE/NO</i>	<i>ARABIC CODE/NO.</i>	<i>CREDITS</i>			
			<i>Th.</i>	<i>Pr.</i>	<i>Tr.</i>	<i>Total</i>
General Physics Lab.	PHYS 281	فيز 281		2		1
<i>Pre-requisites:</i>	PHYS 110					
<i>Course Role in Curriculum</i> <i>(Required/Elective):</i>	Required Course					
<i>Catalogue Description:</i> Safety & regulations- friction- free fall- force table- Newton's law- projectile motion- air track- rotational motion- simple pendulum- hook's law						

Textbooks:

- Halliday, Resnick & Walker, Fundamental of Physics, John Wiley & Sons, 2008.

Supplemental Materials:

Course Learning Outcomes:

By the completion of the course the student should be able to:

- Carry out experiments in Mechanics

Topics to be Covered:

- Safety & regulations-
- friction
- free fall
- force table
- Newton's law
- projectile motion
- air track
- rotational motion
- simple pendulum
- hook's law